```
ConjugacyClasses[G_Symbol] :=
 Module[{sea = Range@Ord@G, ccs = {}, cc},
  While[Length@sea > 0,
   cc =
    Union[
     Table[m[G, inv[G, α], m[G, First@sea, α]],
      {α, Ord@G}]];
   AppendTo[ccs, cc];
   sea = Complement[sea, cc];
  ]; ccs]
```